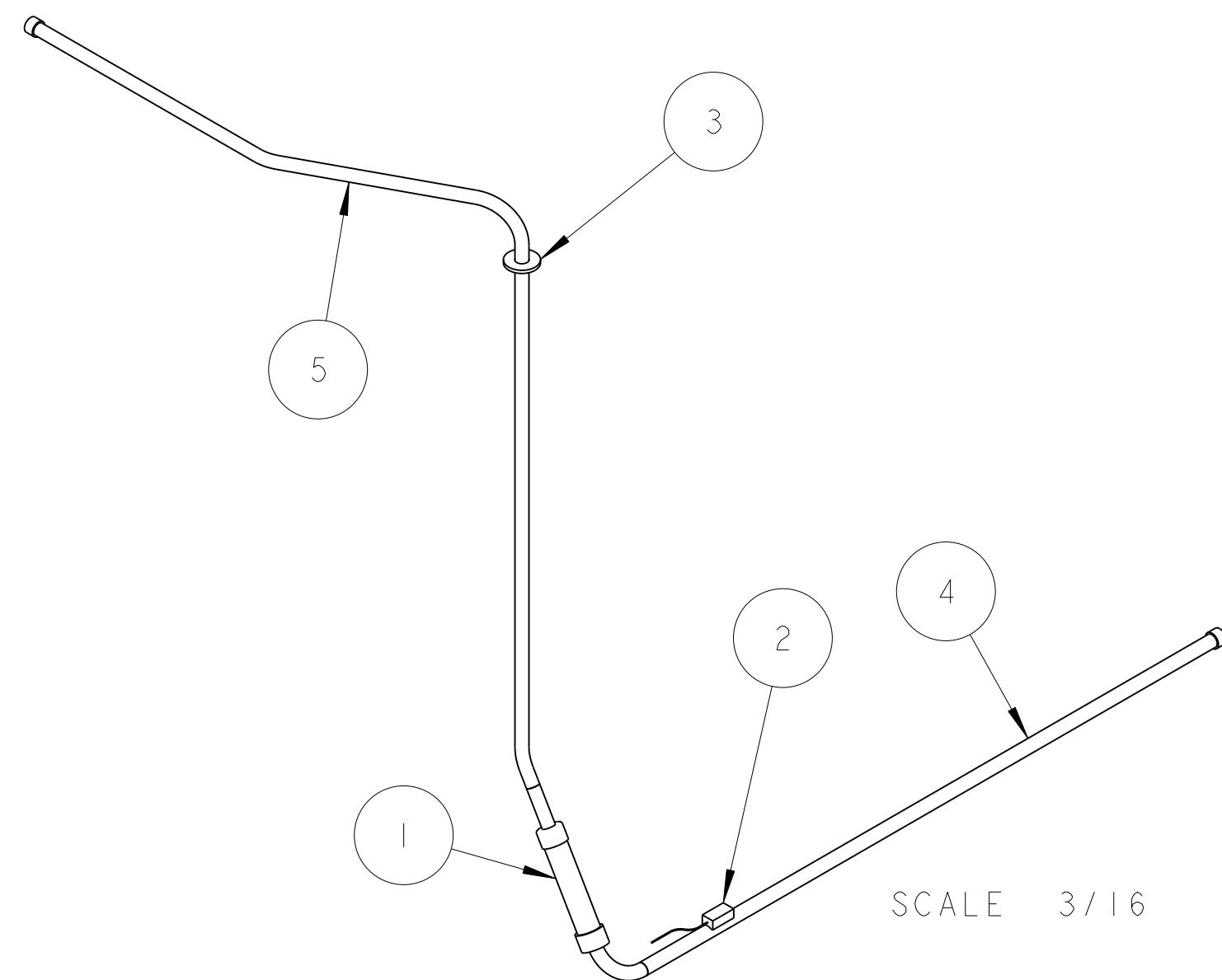
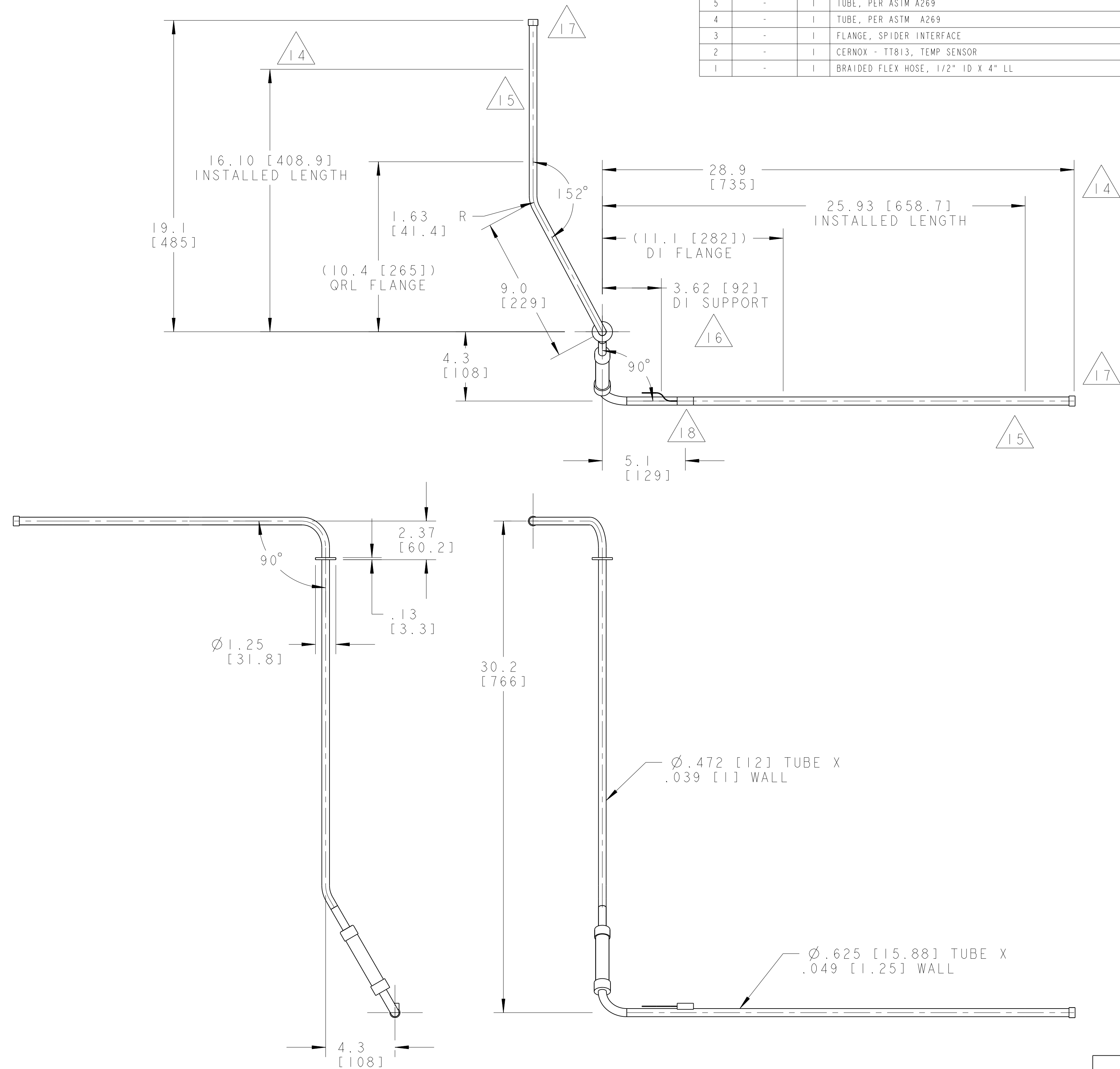


		DWG. NO.		SIZE		REV.		SH.				1	
		2512394		B		1							
ITEM		PART NO		QTY		DESCRIPTION						MATERIAL	
5		-		1		TUBE, PER ASTM A269						SS 304L	
4		-		1		TUBE, PER ASTM A269						SS 304L	
3		-		1		FLANGE, SPIDER INTERFACE						SS 304L	
2		-		1		CERNOX - TT813, TEMP SENSOR						-	
1		-		1		BRAIDED FLEX HOSE, 1/2" ID X 4" LL						SS 300 SERIES	

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS IS A CRYOGENIC VACUUM COMPONENT.
2. WELDING PROCEDURE: PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
3. CLEANING PROCEDURE : PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
4. PACKAGING AND STORAGE PROCEDURE OF THE COMPONENTS:
PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
5. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982.
UNITS ARE IN INCHES [mm] UNLESS OTHERWISE SPECIFIED.
6. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS,
OR COOLANTS ARE STRICTLY PROHIBITED.
7. USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER
IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES
ONLY.
8. VENDOR SUGGESTED CHANGES TO WELD PREPS; SUBJECT TO
LBNL APPROVAL.
9. FITTINGS MAY BE USED IN PLACE OF BENDS; SUBJECT TO LBNL APPROVAL.
10. VENDOR SUGGESTED CHANGES TO TOLERANCES TO FACILITATE
FABRICATION OR ASSEMBLY; SUBJECT TO LBNL APPROVAL.
11. REMOVE ALL THE BURRS AND REAM THE ENDS FOR CIRCULARITY
AND CLEAN ENDS.
12. TUBE END SURFACE MUST BE PERPENDICULAR TO THE TUBE AXIS
WITHIN $\pm .010$.
13. PERFORM ACCEPTANCE TESTS PER LBNL SPECIFICATION M989. B
14. A MARK DESIGNATING THE INSTALLED LENGTH WILL BE UTILIZED DURING
FINAL INSTALLATION OF THE FEEDBOX ASSEMBLY. MARK, SCRIBE OR ETCH
THIS LOCATION IN A PERMANENT MANNER, SUBJECT TO LBNL APPROVAL,
TO AN ACCURACY OF ± 0.063 ".
15. PROVIDE A MINIMUM LENGTH OF 4.0" OF STRAIGHT, SMOOTH PIPE
ON THE INDICATED SIDE OF THE INSTALLED LENGTH MARK FOR
PIPE WELDING DURING FINAL INSTALLATION OF THE FEEDBOX
ASSEMBLY.
16. PIPE MUST BE STRAIGHT AND SMOOTH (NO BUMPS) FOR 1.5" ON EITHER SIDE
OF THE CENTER-PLANE OF THE SUPPORT.
17. CAP BOTH ENDS OF PIPE TO FACILITATE ACCEPTANCE TESTS. B
18. INSTALL TEMPERATURE SENSOR PER LHC SPECIFICATION LHC-QIT-ES-0002.
(SENSOR TO BE PROVIDED BY LBNL.)



THIRD ANGLE PROJECTION

[illegible]